



PEJABAT URUSAN
TECHNOFIT

TECHNOFIT

**BEYOND
CLIENTS'
EXPECTATION**

The image shows a construction site at dusk or dawn. In the foreground, two men wearing hard hats and work clothes are looking towards a large industrial structure under construction. One man is wearing a white hard hat and the other a red one. The man in the red hard hat is pointing towards the structure. The structure is a tall, complex framework of steel beams and scaffolding, with a yellow crane visible on the right side. In the background, there are other industrial buildings and power lines. The sky is overcast. The right side of the image features a decorative overlay of blue and dark blue geometric shapes, including triangles and polygons.

TECHNOFIT

MOVING FORWARD TOGETHER
FOR HIGH QUALITY OF
EXCELLENCE

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STRIVING FOR EXCELLENCE TO DELIVER BEYOND CLIENTS' EXPECTATION



TECHNOFIT

SHORT MESSAGE FROM GMD

Looking back at our humble beginnings in 1998, TECHNOFIT used to focus only in engineering services which included erection, installation and plant maintenance. Now, TECHNOFIT is proud to announce that we have emerged as a diversified organisation with expertise to contribute to the development of industries in Malaysia's key economic sectors such as infrastructure, oil and gas and power generation. During the first two years of TECHNOFIT's inception, TECHNOFIT focused primarily on stabilising our presence in the industry. However, starting from 2000, company expansion kicked-off and the pace has only strengthened ever since. At present, residing under the umbrella of TECHNOFIT Group of companies is a spectrum of specialising companies. We are now working diligently to be the best engineering service provider and mark our presence in the world as we offer an array of technical solutions and services.

INTRODUCTION



TN.HJ. MOHD IZUDDIN
B. HJ. MOHD ILIAS
GROUP MANAGING DIRECTOR

MR N.SUGUMARAN
EXECUTIVE DIRECTOR

TECHNOFIT

Since its incorporation in 1998, TECHNOFIT - a Bumiputera company, has been actively competing in the open market locally and globally. TECHNOFIT is involved in the important path of developing the nation, concentrating on the development of key economics sector such as infrastructure, power generation, oil and gas and also marine industries. Initially providing boiler services and maintenance to numerous power plants in Malaysia, now TECHNOFIT has expanded its business scope and activities in the complete range of engineering, procurement, construction installation commissioning & for mechanical, electrical, and maintenance activities in line with client requirements and industry demands.

Certified with Quality Management System, ISO 9001:2008 and Health Environmental and Safety Management System, ISO 14001:2004, OHSAS 18001:2007 and MS 1722:2011 shows our constant commitment towards a better management in the effort to provide an international standard of services to all reputable clients. Embracing a clear objective of organization and continuous improvement on work execution, each and every personnel shares the same vision and mission of the company and strives to achieve the same goal. Through time, our excellence has been rewarded with various awards from different organizations, clients as well as nation.

“Beyond Clients’ Expectation” is the motto that TECHNOFIT holds in executing all projects. It is aimed to act as a catalyst for growth as it encourages having a vibrant vision, objective and drives everyone to strive for excellence. Furthermore, it also promotes positive spirit of teamwork among all staff in the mission of delivering services beyond the expectation of clients. TECHNOFIT also prioritizes teamwork among project teams as it is vital in ensuring the teams work within time frame and they would set a benchmark for future projects.

BUSINESS GROWTH

1998-2002

- Incorporated in September 1998.
- Start-up paid up capital: RM15,000.
- Secured first subcontract for the erection works of boiler pressure & non-pressure parts.
- Established a small team to cater plant maintenance activities.

2003 - 2006

- Pursued in getting the trust from renowned organizations in securing contracts.
- Started engaging in Provision of Plant Maintenance Services for Boiler, Turbine And Balance of Plant (BOP).
- Dedicated teams to cater the business :
 - 1) Plant Maintenance Services.
 - 2) Project – Mechanical Works.

2007 - 2010

- Accredited with QMS - ISO 9001 for Plant Maintenance
- Services activities. Focused on building
- business reputation. Established strong presence in Plant Maintenance Services industry throughout
- Malaysia. Attained more loyal clients with more repeat orders/ contracts.

2011- PRESENT

- Acquired Fabrication Plant 1 in Lumut Industrial Park.
- Opened new branches in Kapar, Klang and Tanjung Bin, Johor
- Expanded business for transmission and marine works.
- Opened Fabrication Plant 2 & Plant 3 at Lumut Industrial Park.
- Accredited with HSEMS – ISO 14001, OHSAS 18001 and MS 1722
- Upgraded QMS scope – ISO 9001 to Engineering, Procurement, Construction, Installation and Commissioning (EPCIC).

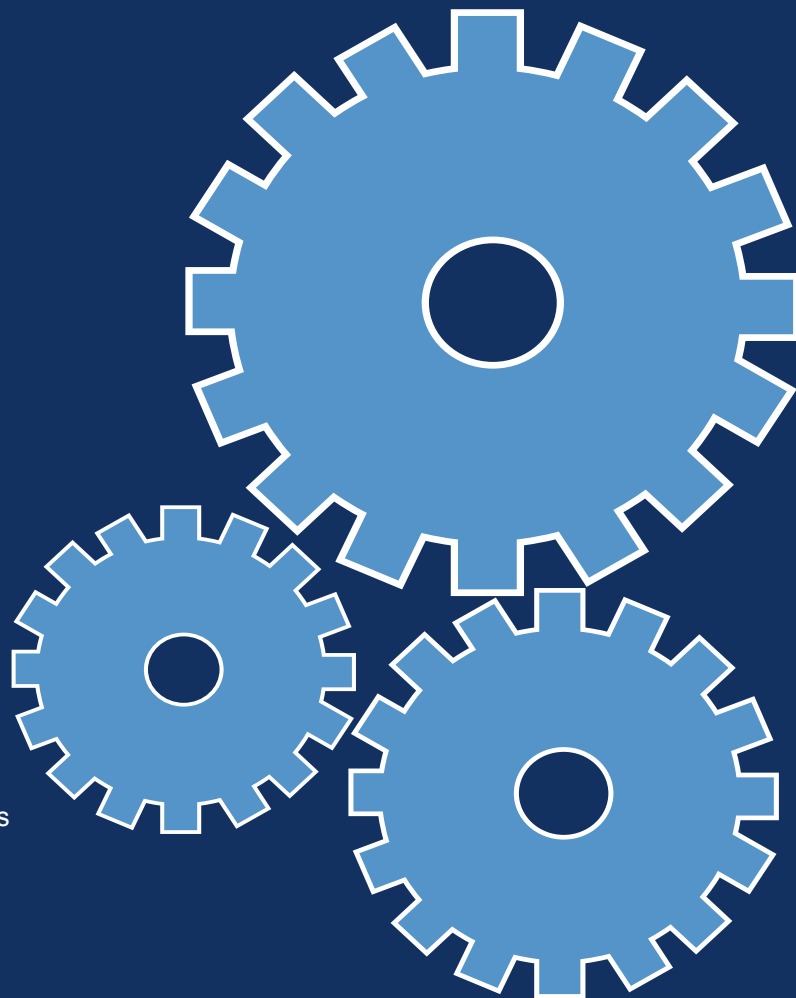


Beyond Clients' Expectation

OBJECTIVES

MISSION

To promote top quality services and products to customers with the goal of creating and maintaining as reputation for TECHNOFIT as a world class entity and leading engineering services provider.



VISION

To be the leading and competitive engineering services provider globally and to become a world class entity.

VALUES

We have derived 7 Core Values to support our vision and mission as well as to shape our business culture.

7 CORE VALUES

TRUSTWORTHINESS

Trust between team members to create a healthy working environment and maintain an understanding to ensure a great momentum of productivity.

TEAMWORK

Spirit of unity and togetherness between members of TECHNOFIT in mounting challenges.

COMMITMENT

Full involvement to TECHNOFIT with strong belief of organizational goals and having the willingness to contribute to TECHNOFIT.

RESPECT

Respect individuals we interact with and the environment that we are in (internal & external). Show consideration for self and others which include privacy, personal space, belongings and honour different opinions, philosophies, ability, beliefs and personality.

COMMUNICATION

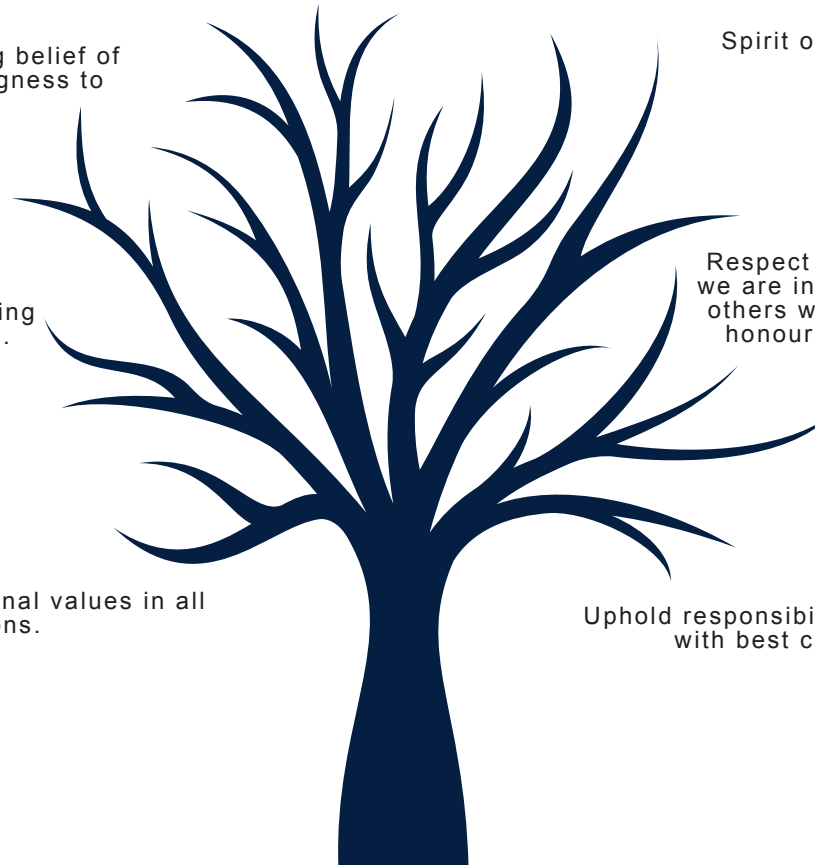
Practice of good communication system by delivering relevant information among members and clients.

EXCELLENCE

Practice high level of personal and professional values in all business operations and decisions.

RESPONSIBILITY

Uphold responsibility while working by performing assigned duties with best capabilities and great sense of ownership.



TECHNOFIT is driven by the following philosophies:

Perform strategic alliances and partnerships with reputable and aspiring companies that provide high quality products, innovative technology and reliable service. Value our customers, partners and stakeholders and excel in our business by honouring our commitments, providing excellent results and continuing to strive for the best quality in a professional and safe manner. Help our people achieve their full potential and to provide conducive work environment where integrity, honesty and mutual respect are valued, rewarded and inculcated in all staff in order to achieve common goals together.

TN HJ.MOHD IZUDDIN BIN HJ MOHD ILIAS
GROUP MANAGING DIRECTOR

Graduated from Universiti Malaya with a Bachelor of Engineering (Hons) in Mechanical Engineering and has gained experience as a Mechanical Engineer for five years with Equator Engineering Sdn Bhd and a Project Engineer at Transtherm Engineers Sdn Bhd before deciding to venture into the business world of engineering. As a Group Managing Director of TECHNOFIT, Tn Hj Mohd Izuddin has gone great lengths to bring TECHNOFIT to where it's standing now from its humble beginnings.



MR N.SUGUMARAN
EXECUTIVE DIRECTOR

Mr Sugumaran is one of the pioneers of TECHNOFIT and he has more than 30 years of hands-on experience in various construction works, especially the power plant erection works. Before his involvement with TECHNOFIT, he worked with Sembawang Shipyard for Oil Rig Module Project in Paka, EPICO Engineering, Mitsui & Co and was attached with Equator Engineering Sdn Bhd and Jurong Engineering Ltd.



MR S.TEHIRUNAVUKARASU
OPERATIONS DIRECTOR

One of the backbones of TECHNOFIT, Mr Tehirunavukarasu is a man with more than 35 years of hands-on experience and knowledge in erection works focusing in boiler pressure parts heavy lifting and waterwall panel fittings. Prior to becoming a director at TECHNOFIT, Mr Tehirunavukarasu worked with Bharat Heavy Industry Engineering Ltd, Haven Automation, Equator Engineering Sdn Bhd and Jurong Engineering Limited (JEL).



CO-FOUNDERS



TECHNOFIT

Beyond Clients' Expectation



“Together
we stay
committed
in achieving
our goals”

TECHNOFIT



TECHNOFIT

SERVICES OFFERED

MECHANICAL & ELECTRICAL ENGINEERING SERVICES PROVIDER FOR CONSTRUCTION AND PLANT MAINTENANCE FOR POWER GENERATION, PETROCHEMICAL, OIL & GAS AND MARINE INDUSTRIES

Plant Maintenance and Services

1

- i) Mechanical Equipment Maintenance, Refurbishment and Replacement
- ii) Boiler Services
- iii) Plant Preventative and Corrective Maintenance

Project

2

- i) Power Plant Erection- Boiler Erection Parts and Non-Pressure Parts
- ii) Oil and Gas Complex - Complete Mechanical Engineering, Procurement, Construction and Commissioning.

Renewable Energy Solution

3

- i) Procurement, Engineering Design, Turnkey Contractor, Operations and Maintenance.

Fabrication

4

- i) Steel Fabrication - Piping and Structural

Principal Products

5

- i) Air Preheaters - Sales, Consultancy, and Services
- ii) Boiler Circulation Pump - Sales and Services
- iii) Heat Exchanger, Condenser and Cleaning Services

Marine Services, Products and Activities Provider

6

- i) Rig Support Vessels Services
- ii) Pitch Propellers Fixing
- iii) Propeller Repairing
- iv) CPP Propellers
- v) Fly Wheel Repairing
- vi) Bow Thrusters Services
- vii) Steel Work, Structural and Piping

Electrical

7

- i) Medium & High Voltage Equipment Installation and Testing
- ii) Turnkey Contractor for Transmission in the range of 132kV, 275kV and up to 500kV

BUSINESS OFFICES

Almost 20 years in Power Plant and Engineering Services Industries, TECHNOFIT now owns office buildings in multiple strategic locations. Having an extensive business operation across Malaysia, TECHNOFIT positions our main management office at the Headquarters located at Pusat Perdagangan Selaseh, Batu Caves, Selangor. With an investment of RM 6 million, this premise consists of six shop lots and is spread over three floors. Both Business and Operation units are located close together to ensure close interaction and that we are able to promote strength, unity, reliability and support in all business operations. All these are crucial to assist TECHNOFIT in always delivering our services beyond clients' expectation.

Apart from the Headquarters, TECHNOFIT also has regional office branches which are in Northern (Perak)Central (Klang), and Southern (Johor). These regional offices, along with two Marine offices in Labuan, Sabah and Pasir Gudang, Johor function synergistically in monitoring and facilitating all works and projects carried out by TECHNOFIT.

Office Locations :

Headquarters - Batu Caves, Selangor Darul Ehsan

Northern Region - Lumut Port, Perak Darul Ridzuan

Central Region - Kapar, Selangor Darul Ehsan

Southern Region - Skudai , Johor Darul Takzim

Marine Office - Federal Territory of Labuan, Pasir Gudang, Johor



FABRICATION PLANTS

TECHNOFIT owns fabrication facilities at Lumut Port Industrial Park to accommodate fabrication activities for both power generation and oil & gas industries. The facilities have comprehensive utilities which are able to meet the needs of heavy, medium and small industries. The establishments help to reinforce TECHNOFIT's strong growth and enable TECHNOFIT Fabrication team to work hard in fulfilling all client's fabrication needs and requirements.

PLANT 1



Consists of covered area of 8000 square feet and 78000 square feet of open yard.

PLANT 2



Consists of covered area of 87200 square feet and 43600 square feet of open yard.

PLANT 3



Consists of 10.11 acres of open yard

QUALITY MANAGEMENT SYSTEM

TECHNOFIT has received numerous recognitions and awards as a result of maintaining an excellent service record and successful adherence to strict quality policies. TECHNOFIT employs a Quality Management System (QMS) in all activities of the company in accordance with certification of ISO 9001:2008 by Det Norske Veritas (DNV) which is one of the world's leading certification and classification bodies for the Provision of Plant Maintenance Services For Boiler, Turbine And Balance of Plant (BOP).

TECHNOFIT is committed in maintaining high standards of quality practices as we take responsibility in adhering to the system in all our business operations. Since July 2015, TECHNOFIT has upgraded our scope to Provision of Engineering, Procurement, Construction, Installation, Commissioning & Maintenance for Mechanical and Electrical (EPCIC) Services Provider in Power Generation, Petrochemical and Oil & Gas Industries.



QMS CERT ~ ISO 9001:2008

(Provision of Engineering, Procurement, Construction, Installation, Commissioning and Maintenance for Mechanical and Electrical Services Provider in Power Generation, Petrochemical and Oil & Gas Industries.



SAFETY DRIVEN FOR EXCELLENCE

TECHNOFIT
CERTIFIED
HSEMS

ISO 14001
OHSAS 18001
MS 1722
BUREAU VERITAS
Certification



HIGH QUALITY STANDARD | 15

HEALTH, SAFETY AND ENVIRONMENT MANAGEMENT SYSTEM

We are dedicated and committed to the implementation of a responsible Health, Safety and Environment (HSE) management practice in all aspects of our work.

We strive towards the prevention of injuries and elimination of risks, health hazards and damage to properties and environment as we realize their importance.



HSEMS CERT ~ ISO 14001:2004

(Provision of Engineering, Procurement, Construction, Installation, Commissioning and Maintenance for Mechanical and Electrical Services Provider in Power Generation, Petrochemical and Oil & Gas Industries.



HSEMS CERT ~ OHSAS 18001: 2007

(Provision of Engineering, Procurement, Construction, Installation, Commissioning and Maintenance for Mechanical and Electrical Services Provider in Power Generation, Petrochemical and Oil & Gas Industries.



HSEMS CERT ~ MS 1722: 2011

(Provision of Engineering, Procurement, Construction, Installation, Commissioning and Maintenance for Mechanical and Electrical Services Provider in Power Generation, Petrochemical and Oil & Gas Industries.



WE ARE ALL
**PASSIONATE
PEOPLE**

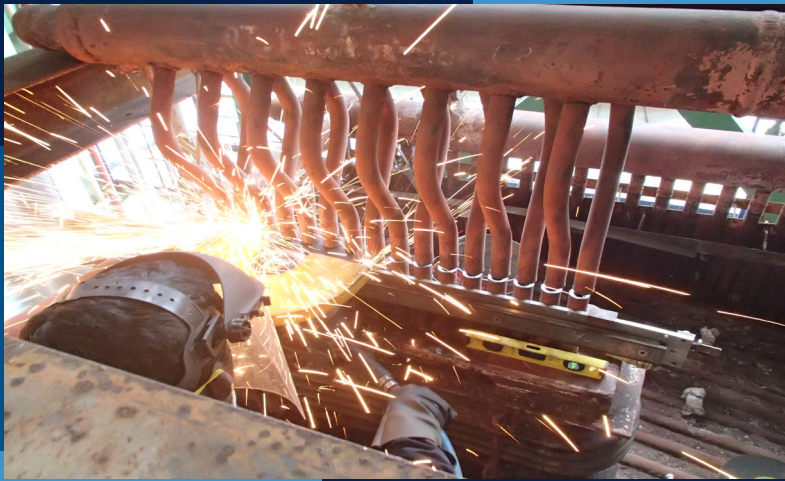
OUR TEAM

“Striving for Excellence
to Deliver Beyond
Clients’ Expectation”

TECHNOFIT



VAST & SUCCESSFUL EXPERIENCE



INCREASING EFFICIENCY

TECHNOFIT has experts with vast experience in the entire spectrum of project management and erection of power generation plants. Our dedicated engineering team believes that delivering the best quality solutions is the way to ensure the company's long term success.

To achieve extraordinary standards and to deliver world class results in each project that we undertake, we challenge our performance history standards for the purpose of continuously elevating our performance.



LIST OF PROJECTS

Over the years, TECHNOFIT has an illustrated track record as we have been able to secure turnkey projects, marking our presence in the industry:

Experience in Power Plant Projects

- 1 Erection Works for Boiler Pressure and Non Pressure parts – 2 x 500 MW for Sultan Salahuddin Abd Aziz Station, Phase 3 Kapar.
- 2 General Installation Works (rotary & static equipment), Kerteh Aromatics Project (KR-2).
- 3 Compressor and Turbine Installation for Malaysia Olefins Project (MOP), Kerteh.
- 4 Erection Works for the Boiler Pressure and Non Pressure parts - 3 x 700MW for Sultan Azlan Shah Power Station, TNB Janamanjung SB
- 5 Erection of BOPM Piping Works for Prai 350MW Combined Cycle Gas Turbine (CCGT) Power Plant.
- 6 Erection Works for the Boiler Pressure and Non Pressure parts – 3 x 700MW Tanjung Bin Power Plant.
- 7 Erection of 2 x 700MW Jimah Power Station.

- 8 HRSG Erection Work for Prai 1071MW Combined Cycle Gas Turbine (CCGT).
- 9 1x1000MW Fast Track 3A Manjung 5 Project.
- 10 Engineering, Procurement, Contracts and Construction (EPCC) for 2nd Demineralize Water tank for NUR Generation Sdn Bhd.
- 11 Redevelopment of Connaught Bridge 348MW Combine Cycle Gas Turbine Project.
- 12 MY1008 BOP Pengerang Cogeneration Plant.
- 13 Pipe Rack Assembly and Erection Works at Vale Project Site.
- 14 Erection Works for 2 off HRSG's for Petronas Fertilizer, Gurun - Debottlenecking project.

Experience in Air Preheater Projects

- 1 Regenerative Air Heater (LHS & RHS) Major Repair and Servicing Works during Unit #1 Major Overhaul for Boiler Maintenance Section at Sultan Azlan Shah Power Station, TNB Janamanjung SB.
- 2 Supply Air Preheater Sector Plates for Boiler Maintenance Section at Sultan Azlan Shah Power Station, TNB Janamanjung SB.

- 3 Supply Air Preheater Basket Element for Boiler Maintenance Section at Sultan Azlan Shah Power Station, TNB Janamanjung SB.
- 4 Inspection, Repair, Commissioning of Guide Bearing at Unit #1 RHS Air Preheater at Sultan Azlan Shah Power Station, TNB Janamanjung SB.

Experience in Boiler Tube Replacement/ Repair Works

- 1 H112 Zone-5 and Zone-6 radiant & SLE coils renewal March 2009.
- 2 Unit #3 HTS 1 Pendant Tube Repair Work at Sultan Azlan Shah Power Station, TNB Janamanjung SB.
- 3 Unit #3 Reheater Vertical & Horizontal Tube Repair, 2nd Repair at Kapar Energy Ventures.
- 4 Unit #5 Boiler Tube Leak Repair Work at Primary Superheater Tubes at Kapar Energy Ventures.
- 5 Tube Replacement Work, Phatum Thani, Thailand.

- 6 3 x 700MW Coal Fired Power Plant, Tanjung Bin Reheater Panel Replacement Works for Unit #20.
- 7 Carry out final Superheater Tube Replacement at Unit #20 during force outage at Tanjung Bin Power Plant.
- 8 Unit #5 Boiler Reheater Right Site Wall Panel, Platen & Division Wall Superheater Tube Replacement Work during major outage October 2011 for Kapar Energy Ventures.
- 9 Maintenance Work at SEMBCORP Salalah Power & Water Company, Oman.

LIST OF PROJECTS

Experience in Transmission Projects

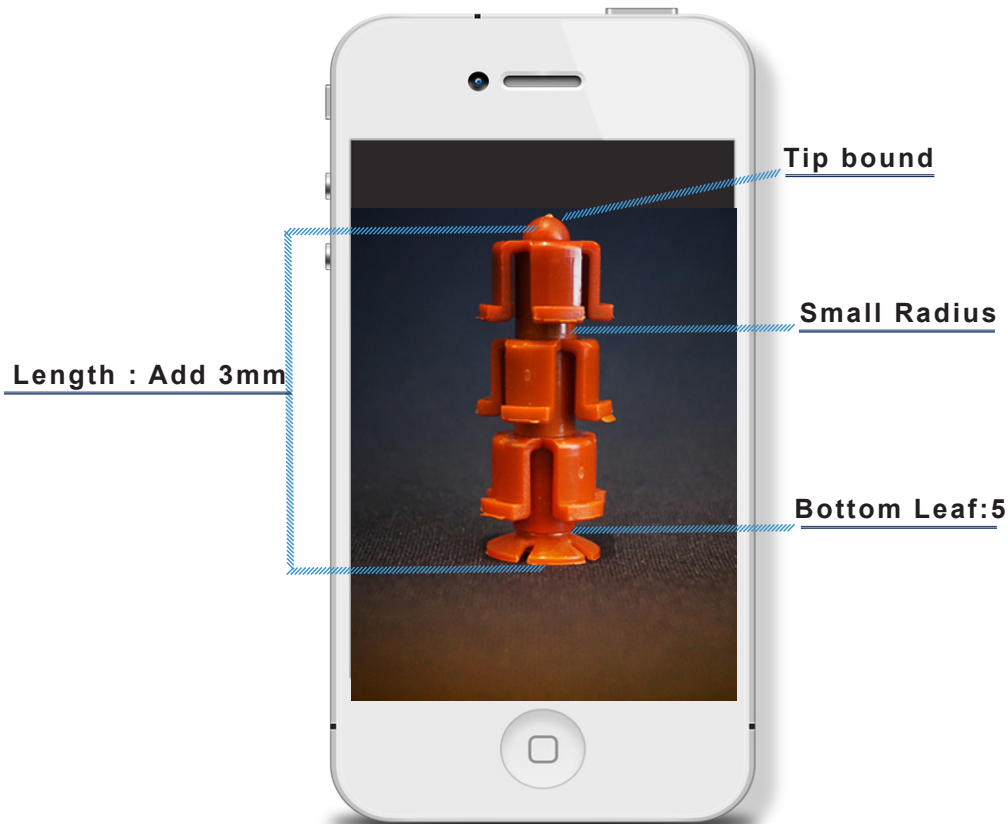
- 1** Supply, Install and Commissioning of one (1) 240MVA YNad1 Auto Transformer as replacement complete with Associated Civil Works for PMU Skudai Supergrid Transformer.
- 2** Conversion from 2x60MVA 132/22kV to 2 X90MVA 132/33kV at PMU Tasek Cement GIS, Perak.
- 3** Supply, Erect and Commissioning of 275kV and 132kV Switchgear, Transformer and Ancillary Equipment, complete with Associated Civil Works for PMU 275/132kV Kuala Ketil Extension (240MVA).
- 4** Supply and Install of one (1) unit 275/132kV 240MVA YNad1 Auto Transformer To TNB Asset Maintenance Department for use as Strategic Spare.
- 5** Supply and Install of one (1) unit of 90MVA 32/33kV Power Transformer as Strategic Spare.
- 6** Supply of one (1) unit of 250MVA 500/275kV Single Phase Auto Transformer for 500kV Ayer Tawar Substation as Strategic Spare.
- 7** Supply of three (3) units of 500kV Inductive Voltage Transformer for Jabatan Senggaraan Aset Johor 1-JB, Bahagian Penghantaran TNB.

Experience in Marine Repair Works

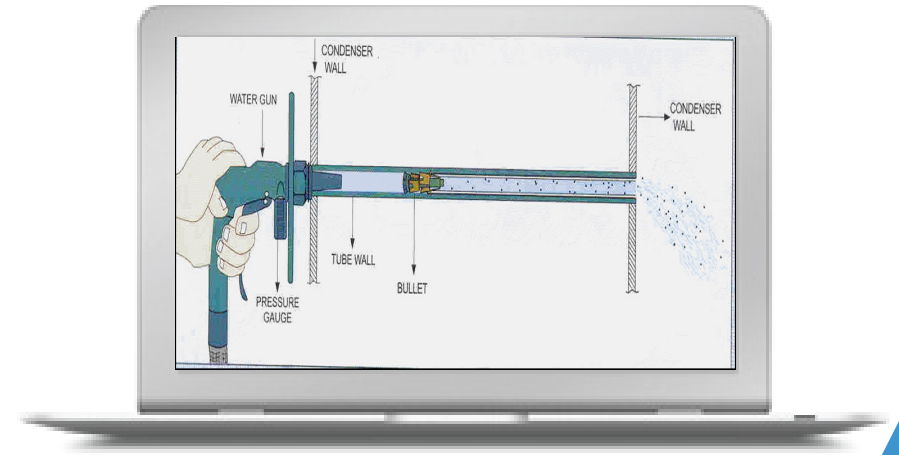
- 1** Installation of MGO and HFO Fuel Monitoring System for Ascenz Solution at Thalassa Patris, Tanjung Pelepas.
- 2** Dismantle Liquid Detector Pipe & Install Dam Plate for Ascenz Solution at Thalassa Patris, Tanjung Pelepas.
- 3** Fabricate and Supply of 30 unit of Tank Stand for Wilhelmsen at HK 02, On-shore.
- 4** Installation of Check Valve and Buffer Tank for Ascenz Solution at Premier 7, Labuan Anchorage.
- 5** Various Job on Ship Deck for Hartmann Offshore at UOS Columbia, Labuan Anchorage.
- 6** Main Engine Liner 'O' Ring Renewal for Bumi Armada at Armada Firman 2, Labuan Anchorage.
- 7** Installation of Bunker Meter and Flow Monitoring System for Emas Offshore at Lewex Lynx, Labuan Anchorage.
- 8** Supply of Sea Water Lift Pump for Sapura Kencana Petroleum at Tun Sharifah Rodziah, Sabah Water.Kuala Ketil Extension (240MVA).
- 9** Installation of Sea Water Lift Pump for Sapura Kencana Petroleum at Tun Sharifah Rodziah, Sabah Water.
- 10** FD Fan Overhaul Work for MMHE at LNG Puteri Zamrud, Pasir Gudang.

INTELLECTUAL PROPERTY (IP) PRODUCT

TECH BULLET CLEANER



“Effective & efficient method of tube cleaning service for condensers, heat exchangers and coolers”



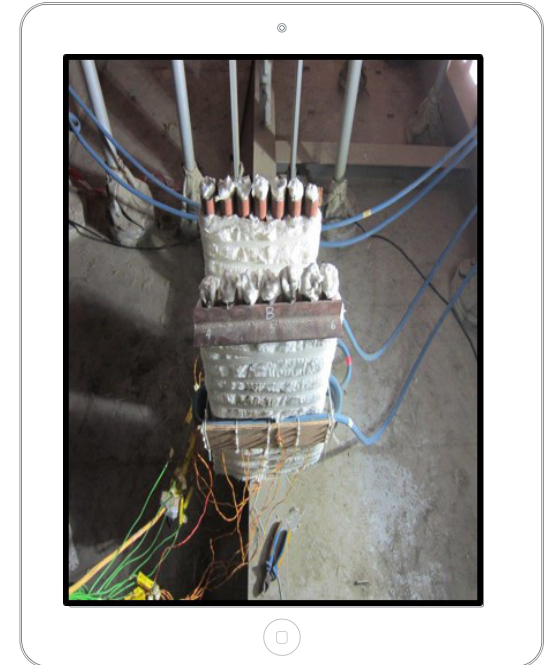
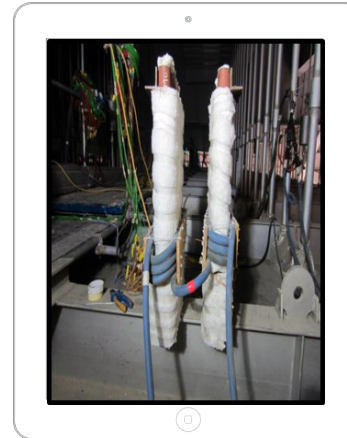
TECH BULLET SPECIFICATIONS

- Specially designed and developed by TECHNOFIT.
- Unique Plastic Bullet with blades positioned at 120 angle around, spaced at 3-tier stages.
- The 3-tier stages blades are used for cleaning operation.
- Built up material by Nylon.
- Fit Size Range: ID18mm - 28mm.

INTELLECTUAL PROPERTY (IP) SERVICE



POST WELD HEAT TREATMENT (PWHT) INDUCTION METHOD FOR T91 MATERIAL BOILER TUBE



- We provide Heat Treatment for Boiler Tubes in order to improve the chemical characteristics of materials.
- Time and cost efficient for the overall process while reducing failure risks of materials.
- Successfully carried out from 2012 till present in various Power Plants such as TNB Janamanjung, Perak, Tanjung Bin Power Station, Johor and Jimah Power Station, Negeri Sembilan.

“Saves time, reduces cost and protects our environment”

TECHNOFIT

OUR MILESTONES

Our diligence and hard work have been blessed with many accolades and recognitions. These memorable achievements serve as a motivation for all of us in improving our work excellence in terms of quality and safety. Extending our list of accolades is one way of building motivation in ourselves and we look at the honours given as a benchmark to challenge ourselves for the better in the future.

At TECHNOFIT, we maintain consistent involvement with registered and certified organizations for high quality governance and service. Our priority will always be our clients as we work closely with them and strive to go beyond their expectation.

We aspire to attain more accomplishments in future while progressively strengthen our business growth in the industry.

“Without continual growth and progress, such words as improvement, achievement and success have no meaning”

IN THE NEWS

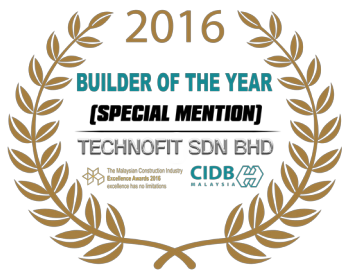


Powered



AWARDS & RECOGNITIONS

TECHNOFIT is proud to be recognized by some of the most important and influential organizations around the world:



"Pushing boundaries and establishing prominence in the eyes of the world"



TECHNOFIT

Beyond Clients' Expectation



TECHNOFIT

GET IN
TOUCH

TECHNOFIT

GROUP OF COMPANIES

HEADQUARTERS



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